

Thomas A Zeffiro

List of Publications by Year in descending order

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96
papers

9,460
citations

44042

48
h-index

39638

94
g-index

98
all docs

98
docs citations

98
times ranked

9748
citing authors

#	ARTICLE	IF	CITATIONS
1	Meta-Analysis of the Functional Neuroanatomy of Single-Word Reading: Method and Validation. <i>NeuroImage</i> , 2002, 16, 765-780.	2.1	1,393
2	Abnormal processing of visual motion in dyslexia revealed by functional brain imaging. <i>Nature</i> , 1996, 382, 66-69.	13.7	627
3	Development of neural mechanisms for reading. <i>Nature Neuroscience</i> , 2003, 6, 767-773.	7.1	595
4	Functional mapping of the human visual cortex at 4 and 1.5 tesla using deoxygenation contrast EPI. <i>Magnetic Resonance in Medicine</i> , 1993, 29, 277-279.	1.9	437
5	Regional cerebral blood flow during object naming and word reading. <i>Human Brain Mapping</i> , 1995, 3, 93-106.	1.9	367
6	Intimate Partner Violence, PTSD, and Adverse Health Outcomes. <i>Journal of Interpersonal Violence</i> , 2006, 21, 955-968.	1.3	348
7	Categorization Training Results in Shape- and Category-Selective Human Neural Plasticity. <i>Neuron</i> , 2007, 53, 891-903.	3.8	255
8	Neural Changes following Remediation in Adult Developmental Dyslexia. <i>Neuron</i> , 2004, 44, 411-422.	3.8	246
9	Enhanced visual functioning in autism: An ALE meta-analysis. <i>Human Brain Mapping</i> , 2012, 33, 1553-1581.	1.9	244
10	Altered Processing of Contextual Information during Fear Extinction in PTSD: An fMRI Study. <i>CNS Neuroscience and Therapeutics</i> , 2011, 17, 227-236.	1.9	232
11	Functional Mapping of Human Learning: A Positron Emission Tomography Activation Study of Eyeblink Conditioning. <i>Journal of Neuroscience</i> , 1996, 16, 4032-4040.	1.7	210
12	Locating the Motor Cortex on the MRI with Transcranial Magnetic Stimulation and PET. <i>NeuroImage</i> , 1996, 3, 1-9.	2.1	179
13	Meditation leads to reduced default mode network activity beyond an active task. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2015, 15, 712-720.	1.0	165
14	Evaluation of a Shape-Based Model of Human Face Discrimination Using fMRI and Behavioral Techniques. <i>Neuron</i> , 2006, 50, 159-172.	3.8	160
15	Enhanced visual processing contributes to matrix reasoning in autism. <i>Human Brain Mapping</i> , 2009, 30, 4082-4107.	1.9	144
16	Neural Systems Affected in Developmental Dyslexia Revealed by Functional Neuroimaging. <i>Neuron</i> , 1998, 21, 279-282.	3.8	140
17	Attention to single letters activates left extrastriate cortex. <i>NeuroImage</i> , 2004, 21, 829-839.	2.1	139
18	The role of posterior parietal cortex in visually guided reaching movements in humans. <i>Experimental Brain Research</i> , 1997, 114, 170-183.	0.7	138

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19	Regional cerebral blood flow during a self-paced sequential finger opposition task in patients with cerebellar degeneration. <i>Brain</i> , 1995, 118, 379-393.	3.7	133
20	Functional mapping of human memory using PET: Comparisons of conceptual and perceptual tasks.. <i>Canadian Journal of Experimental Psychology</i> , 1996, 50, 42-56.	0.7	132
21	Locus Coeruleus Activity Mediates Hyperresponsiveness in Posttraumatic Stress Disorder. <i>Biological Psychiatry</i> , 2018, 83, 254-262.	0.7	119
22	Effect of Valproate on Cerebral Metabolism and Blood Flow: An 18F-2-Deoxyglucose and 15O Water Positron Emission Tomography Study. <i>Epilepsia</i> , 1996, 37, 515-521.	2.6	110
23	Upper Limb Recovery After Stroke Is Associated With Ipsilesional Primary Motor Cortical Activity. <i>Stroke</i> , 2014, 45, 1077-1083.	1.0	109
24	Neural systems underlying learning and representation of global motion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 12657-12662.	3.3	107
25	Phonological decoding involves left posterior fusiform gyrus. <i>Human Brain Mapping</i> , 2005, 26, 81-93.	1.9	102
26	Flipping Radiology Education Right Side Up. <i>Academic Radiology</i> , 2016, 23, 810-822.	1.3	95
27	Autologous Mesenchymal Stem Cells Improve Motor Recovery in Subacute Ischemic Stroke: a Randomized Clinical Trial. <i>Translational Stroke Research</i> , 2020, 11, 910-923.	2.3	94
28	Neural Substrates of Impaired Sensorimotor Timing in Adult Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2010, 68, 359-367.	0.7	91
29	The Visual Deficit Theory of Developmental Dyslexia. <i>NeuroImage</i> , 1996, 4, S108-S117.	2.1	89
30	Unconditioned responses and functional fear networks in human classical conditioning. <i>Behavioural Brain Research</i> , 2011, 221, 237-245.	1.2	85
31	Regional cerebral blood flow during auditory responsive naming. <i>NeuroReport</i> , 1998, 9, 2409-2413.	0.6	83
32	Effects of Levodopa on Laryngeal Muscle Activity for Voice Onset and Offset in Parkinson Disease. <i>Journal of Speech, Language, and Hearing Research</i> , 2001, 44, 1284-1299.	0.7	82
33	An fMRI study of unconditioned responses in post-traumatic stress disorder. <i>Biology of Mood & Anxiety Disorders</i> , 2011, 1, 8.	4.7	74
34	Prefrontal GABA and glutathione imbalance in posttraumatic stress disorder: Preliminary findings. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 288-295.	0.9	71
35	Regional cerebral blood flow changes in motor cortical areas after transient anesthesia of the forearm. <i>Annals of Neurology</i> , 1995, 37, 74-81.	2.8	67
36	Self-Paced Versus Metronome-Paced 7 Finger Movements. <i>Journal of Neuroimaging</i> , 1997, 7, 145-151.	1.0	67

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37	Enhanced mental image mapping in autism. <i>Neuropsychologia</i> , 2011, 49, 848-857.	0.7	67
38	Atypical processing of auditory temporal complexity in autistics. <i>Neuropsychologia</i> , 2011, 49, 546-555.	0.7	60
39	The level and nature of autistic intelligence III: Inspection time.. <i>Journal of Abnormal Psychology</i> , 2013, 122, 295-301.	2.0	60
40	Brain response to viewing others being harmed in children with conduct disorder symptoms. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016, 57, 510-519.	3.1	58
41	Stimulus Complexity and Categorical Effects in Human Auditory Cortex: An Activation Likelihood Estimation Meta-Analysis. <i>Frontiers in Psychology</i> , 2010, 1, 241.	1.1	57
42	Implicit and Explicit Memory in Patients With Parkinson's Disease With and Without Dementia. <i>Archives of Neurology</i> , 1994, 51, 359-367.	4.9	56
43	Adapting dialectical behavior therapy for outpatient adult anorexia nervosa—A pilot study. <i>International Journal of Eating Disorders</i> , 2015, 48, 123-132.	2.1	55
44	Multivariate analysis of neuronal interactions in the generalized partial least squares framework: simulations and empirical studies. <i>NeuroImage</i> , 2003, 20, 625-642.	2.1	54
45	The cerebellum and dyslexia: perpetrator or innocent bystander?. <i>Trends in Neurosciences</i> , 2001, 24, 512-513.	4.2	52
46	Left hemisphere specialization for the control of voluntary movement rate. <i>NeuroImage</i> , 2004, 22, 289-303.	2.1	51
47	An adaptive randomized trial of dialectical behavior therapy and cognitive behavior therapy for binge-eating. <i>Psychological Medicine</i> , 2017, 47, 703-717.	2.7	51
48	Parametric Analysis of Functional Neuroimages: Application to a Variable-Rate Motor Task. <i>NeuroImage</i> , 1995, 2, 273-283.	2.1	50
49	Atypical visual processing in posttraumatic stress disorder. <i>NeuroImage: Clinical</i> , 2013, 3, 531-538.	1.4	49
50	Affective decision making under uncertainty during a plausible aviation task: An fMRI study. <i>NeuroImage</i> , 2013, 71, 19-29.	2.1	48
51	Cutaneous reflexes in Parkinson's disease. <i>Muscle and Nerve</i> , 1992, 15, 733-739.	1.0	46
52	The influences of task difficulty and response correctness on neural systems supporting fluid reasoning. <i>Cognitive Neurodynamics</i> , 2007, 1, 71-84.	2.3	46
53	Event-related single-shot volumetric functional magnetic resonance inverse imaging of visual processing. <i>NeuroImage</i> , 2008, 42, 230-247.	2.1	45
54	Brain Structural Changes following HIV Infection: Meta-Analysis. <i>American Journal of Neuroradiology</i> , 2018, 39, 54-62.	1.2	44

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55	Comparing Motor Skills in Autism Spectrum Individuals With and Without Speech Delay. <i>Autism Research</i> , 2015, 8, 682-693.	2.1	42
56	Why is Clinical fMRI in a Resting State?. <i>Frontiers in Neurology</i> , 2019, 10, 420.	1.1	42
57	Head surface digitization and registration: A method for mapping positions on the head onto magnetic resonance images. <i>Brain Topography</i> , 1994, 6, 185-192.	0.8	37
58	Linear constraint minimum variance beamformer functional magnetic resonance inverse imaging. <i>NeuroImage</i> , 2008, 43, 297-311.	2.1	35
59	Family-based therapy for young adults with Anorexia Nervosa restores weight. <i>International Journal of Eating Disorders</i> , 2016, 49, 701-707.	2.1	35
60	The neural basis of developmental dyslexia. <i>Annals of Dyslexia</i> , 2000, 50, 1-30.	1.2	33
61	Postural sway and regional cerebellar volume in adults with attention-deficit/hyperactivity disorder. <i>NeuroImage: Clinical</i> , 2015, 8, 422-428.	1.4	33
62	Association of regional gray matter volumes in the brain with disruptive behavior disorders in male and female children. <i>NeuroImage: Clinical</i> , 2015, 7, 252-257.	1.4	32
63	Reliability of White Matter Microstructural Changes in HIV Infection: Meta-Analysis and Confirmation. <i>American Journal of Neuroradiology</i> , 2017, 38, 1510-1519.	1.2	30
64	Autistic fluid intelligence: Increased reliance on visual functional connectivity with diminished modulation of coupling by task difficulty. <i>NeuroImage: Clinical</i> , 2015, 9, 467-478.	1.4	29
65	Offering to Share: How to Put Heads Together in Autism Neuroimaging. <i>Journal of Autism and Developmental Disorders</i> , 2008, 38, 2-13.	1.7	27
66	The information transmitted at final position in visually triggered forearm movements. <i>Biological Cybernetics</i> , 1983, 46, 111-118.	0.6	26
67	Physiological noise reduction using volumetric functional magnetic resonance inverse imaging. <i>Human Brain Mapping</i> , 2012, 33, 2815-2830.	1.9	26
68	Hunger and BMI modulate neural responses to sweet stimuli: fMRI meta-analysis. <i>International Journal of Obesity</i> , 2020, 44, 1636-1652.	1.6	26
69	Speech acquisition predicts regions of enhanced cortical response to auditory stimulation in autism spectrum individuals. <i>Journal of Psychiatric Research</i> , 2015, 68, 285-292.	1.5	24
70	Parietal operculum and motor cortex activities predict motor recovery in moderate to severe stroke. <i>NeuroImage: Clinical</i> , 2017, 14, 518-529.	1.4	23
71	Efficacy of Double-Blind Peer Review in an Imaging Subspecialty Journal. <i>American Journal of Neuroradiology</i> , 2017, 38, 230-235.	1.2	23
72	Neurofeedback and neuroplasticity of visual self-processing in depressed and healthy adolescents: A preliminary study. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100707.	1.9	22

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73	A greater involvement of posterior brain areas in interhemispheric transfer in autism: fMRI, DWI and behavioral evidences. <i>NeuroImage: Clinical</i> , 2015, 8, 267-280.	1.4	21
74	Self-compassion and dorsolateral prefrontal cortex activity during sad self-face recognition in depressed adolescents. <i>Psychological Medicine</i> , 2022, 52, 864-873.	2.7	20
75	Near-Infrared Neuroimaging with NinPy. <i>Frontiers in Neuroinformatics</i> , 2009, 3, 12.	1.3	18
76	Cortical and cerebellar modulation of autonomic responses to loud sounds. <i>Psychophysiology</i> , 2014, 51, 60-69.	1.2	18
77	Gender Trends in Academic Radiology Publication in the United States Revisited. <i>Academic Radiology</i> , 2018, 25, 1062-1069.	1.3	18
78	Clinical Functional Image Analysis: Artifact Detection and Reduction. <i>NeuroImage</i> , 1996, 4, S95-S100.	2.1	16
79	Psychiatric Symptom Profiles Predict Functional Impairment. <i>Frontiers in Psychiatry</i> , 2019, 10, 37.	1.3	16
80	Age-Related Decline of Wrist Position Sense and its Relationship to Specific Physical Training. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 570.	1.0	14
81	Meta-analysis of brain metabolite differences in HIV infection. <i>NeuroImage: Clinical</i> , 2020, 28, 102436.	1.4	14
82	Visual and Motor Recovery After "Cognitive Therapeutic Exercises" in Cortical Blindness: A Case Study. <i>Journal of Neurologic Physical Therapy</i> , 2017, 41, 164-172.	0.7	12
83	HIV infection and age effects on striatal structure are additive. <i>Journal of NeuroVirology</i> , 2019, 25, 480-495.	1.0	12
84	Functional and effective connectivity of visuomotor control systems demonstrated using generalized partial least squares and structural equation modeling. <i>Human Brain Mapping</i> , 2009, 30, 2232-2251.	1.9	11
85	Spatial Network Connectivity and Spatial Reasoning Ability in Children with Nonverbal Learning Disability. <i>Scientific Reports</i> , 2020, 10, 561.	1.6	11
86	Is treated HIV infection still toxic to the brain?. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 165, 259-284.	0.9	7
87	What's the Matter? White Matter?. <i>Neuron</i> , 2000, 25, 257-259.	3.8	5
88	Letters. <i>Journal of Learning Disabilities</i> , 1999, 32, 378-378.	1.5	4
89	Differential Effects of AIDS and Chronic Human Immunodeficiency Virus Infection on Gray Matter Volume. <i>Clinical Infectious Diseases</i> , 2021, 73, e2303-e2310.	2.9	4
90	Intersubject Analysis of fMRI Data Using Spatial Normalization. <i>Advances in Experimental Medicine and Biology</i> , 1997, 413, 235-240.	0.8	4

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91	Effects of Posture and Stimulus Spectral Composition on Peripheral Physiological Responses to Loud Sounds. PLoS ONE, 2016, 11, e0161237.	1.1	2
92	Functional magnetic resonance imaging. , 2000, , 45-58.		2
93	Functional imaging of the brain by MRI. , 1993, , .		1
94	A novel meta-analysis technique applied to single word reading. NeuroImage, 2001, 13, 272.	2.1	1
95	Interfering with fear memories by eye movement desensitization and reprocessing. International Journal of Psychophysiology, 2021, 166, 9-18.	0.5	1
96	Functional Neuroimaging of Speech Production. , 2006, , 125-150.		1